

# PrecisionColor Pro

## For instantaneous photo-realistic color

There is nothing for the Macintosh that gives you faster, more accurate color than the Radius PrecisionColor Pro™. With on-board QuickDraw acceleration, the PrecisionColor Pro is ideal for graphic designers, art directors, color publishers, photo retouchers, and multimedia designers who need high-speed, photo-realistic color.

The PrecisionColor Pro delivers that kind of color faster than anything else. The accelerated 24-bit color, plus "on-the-fly" resolution switching lets you optimize your display for each task without rebooting or quitting applications. So, you can instantly switch to 640 by 480 mode for multimedia applications, or to 1152 by 870 for full two-page layouts.

This flexibility also allows the PrecisionColor Pro to work with a wide range of displays, from 13-inch monitors up to 21-inch models made by Radius and other manufacturers. That means you can select it with the system and display combination that best fits your budget and needs, or add the PrecisionColor Pro to your existing system.

# The high-performance professional graphics card



## Photo-Realistic Color

The PrecisionColor Pro displays up to 16.7 million colors faster than any other board on the market. Giving you fast, vivid, and accurate color for precise color publishing work, from scanned images to intricate graphics.

## On-Board, High-Speed QuickDraw Acceleration

The PrecisionColor Pro is blazingly fast. With on-board QuickDraw acceleration, PrecisionColor Pro dramatically improves screen response in applications like Adobe Photoshop as well as with page-layout programs such as Quark XPress and Aldus PageMaker.

## Fast Resolution Switching

The fastest 24-bit graphics card on the market also offers the best "on-the-fly" resolution switching. So you can change resolutions (640 x 480, 800 x 600, 832 x 624, 1024 x 768, and 1152 by 870) and color depths, from black-and-white to 16.7 million colors, using the keyboard. Without ever quitting your application.

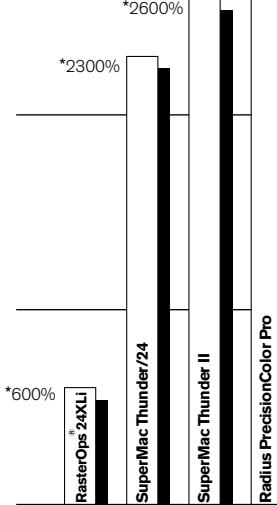
## Incredible Compatibility

The advanced, under seven-inch board design delivers the best Macintosh system



## QuickDraw™ Acceleration

(higher % is faster) \*3000%



\*Performance percentages from publications by RasterOps Corp. and SuperMac Technology Inc.

compatibility on the market. Which means the PrecisionColor Pro fits in any NuBus Macintosh, including the smaller Centris systems. And the multiple resolution capability allows this card to support all Radius color displays plus most standard displays, from 13-inch through 21-inch models.

## NuBus Block Transfer Support

The PrecisionColor Pro delivers superior performance for professional color publishing through high-speed direct NuBus block data transfers with a Radius Rocket.

## Adobe Photoshop Acceleration

The PrecisionColor Pro works in-line with the optional Radius PhotoBooster DSP card for the Quadra and Centris 650 processor direct slot. Together they dramatically accelerate time-consuming Photoshop<sup>1</sup> tasks faster than any other solution available.

# PrecisionColor Pro Specifications

## System Requirements

PrecisionColor Pro consists of a Macintosh NuBus-compatible graphics card, QuickColor acceleration software, and built-in Dynamic Desktop® switchable resolution software controls. It requires an Apple Macintosh NuBus computer with System 7.0 or later and a Radius, Apple, or other standard third-party display.

<b>Interface</b>	NuBus, block transfer support
<b>Size</b>	Less than 7 inches (<18 cm), fits in any NuBus slot
<b>Display Modes</b>	1, 4, 8, 16, 24-bits per pixel
<b>Data Path</b>	32-bit
<b>Video RAM</b>	3MB
<b>Maximum displayed colors</b>	16.7 million
<b>Maximum screen resolution</b>	1152 x 870 pixels (1152 x 882 pixels also supported)
<b>Acceleration</b>	On-board QuickDraw™ acceleration using QuickColor software
<b>Video Output</b>	RS-343A, Analog RGB, 75 Ohms, sync on green, separate TTL horizontal and vertical sync
<b>Connector</b>	15-pin DSUB type
<b>Pixel Clock</b>	30 – 100 MHz
<b>Power Consumption</b>	+5V bus = 1.8 amps +12V bus = 0 amps -12V bus = 0.01 amps
<b>Compliance</b>	FCC Class B, VCCI Class 1, Canadian DOC Class B
<b>Environmental</b>	Conforms to all Apple Macintosh NuBus operating conditions
<b>Warranty</b>	1 year warranty, worry-free, on-site, overnight service (U.S. only)
<b>PrecisionColor Pro 24X</b>	Product Number 0429

## P R E C I S I O N C O L O R P R O 2 4 X S U P P O R T E D D I S P L A Y O P T I O N S



**640 x 480 pixels**  
13", 14" Apple displays,  
third-party VGA and  
multi-frequency displays



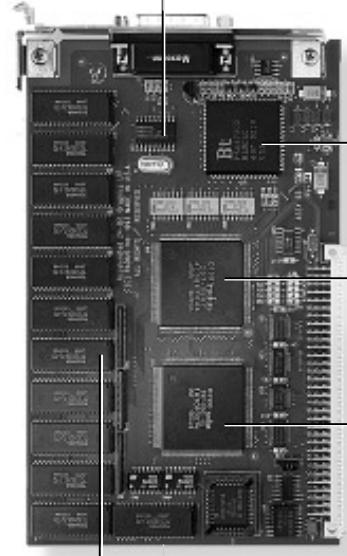
**832 x 624 pixels**  
Apple Macintosh  
and most third-party  
16" and 17" displays



**1024 x 768 pixels**  
Radius and most third-party  
19" and 20" displays



**1152 x 870 pixels**  
Radius and most third-party  
19", 20" and 21" displays



**Programmable  
frequency  
synthesizer for  
on-the-fly  
resolution  
switching**

**RAMDAC-digital  
to analog con-  
verter with RAM  
(3-channel 8-bit)**

**NuBus interface  
controller with  
QuickDraw  
acceleration**

**Custom video  
controller for  
true color and  
resolution  
switching**

**3MB 70ns, dual  
ported VRAM  
for maximum  
24-bit color at  
1152 x 870 pixels**

**Compact design fits into any NuBus Macintosh**

For the Radius Authorized Reseller nearest you, call (800) 227-2795 (U.S. & Canada only).  
For the name of your Radius International Distributor, call (408) 434-1010 or Fax: (408) 434-0127.  
Radius Inc., 1710 Fortune Drive, San Jose, CA 95131-1744

©1993 Radius Inc. Radius, the Radius logo, and all product names are trademarks of Radius Inc. Other brand and product names are trademarks or registered trademarks of their respective holders. Product specifications are subject to change without notice. (09-93) Part Number: DS0429

**radius™**